

**● PRINTER RUSH ●**  
**(PTO ASSISTANCE)**

Application : 10/050533

Examiner : DO

GAU : 2193

From: T.McGill

Location: IDC FMF FDC

Date: 3-15-04

Tracking #: epm/10/050533 Week Date: 2-18-05

DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449	<hr/>	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	<hr/>	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM	<hr/>	<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW	<hr/>	<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW	<hr/>	<input type="checkbox"/> Other
<input checked="" type="checkbox"/> DRW	<u>1-18-02</u>	
<input type="checkbox"/> OATH	<hr/>	
<input type="checkbox"/> 312	<hr/>	
<input type="checkbox"/> SPEC	<hr/>	

[RUSH] MESSAGE: Attn : Chief Draftsperson

Figures 27 & 28 seem to be  
illegible. Please provide a more  
clear copy.

Thank You

[XRUSH] RESPONSE: 3/27/6

DRAWINGS OBJECTION

MAILED

INITIALS: LAM

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMES APPLICANT	ATTORNEY DOCKET NUMBER
10/050533	01/18/2002	GRAZIANO, MICHAEL J.	56162.000352

Kevin T. Duncan, Esq.  
Hunton & Williams  
Intellectual Property Department  
1900 K Street, N.W., Suite 1200  
Washington DC 20006

Examiner  
**DO, CHAT**  
Art Unit  
**2193**

Paper Number

Date Mailed: 03/27/2006

## Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on **01/18/2002** are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review (By Son Lam)

**RETURN CORRECTED DRAWINGS TO:**  
Commissioner for Patents  
Mail Stop: Issue Fees  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 01/18/2002 are:

- A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

- 1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).  
 Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_  
 Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_
- 2. PHOTOGRAPHS.** 37 CFR 1.84(b)  
 One (1) full-tone set is required. Fig(s) \_\_\_\_\_  
 Photographs may not be mounted. 37 CFR 1.84(e)  
 Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_  
 Poor quality (half-tone). Fig(s) \_\_\_\_\_
- 3. TYPE OF PAPER.** 37 CFR 1.84(e)  
 Paper not flexible, strong, white, and durable. Fig(s) \_\_\_\_\_  
 Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_
- 4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:  
 21.0 cm by 29.7 cm (DIN size A4) or  
 21.6 cm by 27.9 cm (8 1/2x 11 inches)  
 All drawing sheets not the same size.  
Sheet(s) \_\_\_\_\_  
 Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_
- 5. MARGINS.** 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
 Margins not acceptable. Fig(s) \_\_\_\_\_  
 Top (T) \_\_\_\_\_ Left (L) \_\_\_\_\_  
 Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_
- 6. VIEWS.** 37 CFR 1.84(h)  
REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.  
 Views not labeled separately or properly.  
Fig(s) 8 8 9, 10 & 11, 21 & 22
- 7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)  
 Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_
- 8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)  
 Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_
- 9. SCALE.** 37 CFR 1.84(k)  
 Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_
- 10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)  
 Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 27-28
- 11. SHADING.** 37 CFR 1.84(m)  
 Solid black areas pale. Fig(s) \_\_\_\_\_  
 Solid black shading not permitted. Fig(s) \_\_\_\_\_
- 12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)  
 Numbers and reference characters not plain and legible. Fig(s) 3a - 4b, 12, 23-26  
 Figure legends are poor. Fig(s) \_\_\_\_\_  
 Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)  
Fig(s) \_\_\_\_\_  
 English alphabet not used. 37 CFR 1.84(p)(2)  
Fig(s) \_\_\_\_\_  
 Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) 1-32
- 13. LEAD LINES.** 37 CFR 1.84(q)  
 Lead lines missing. Fig(s) \_\_\_\_\_
- 14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)  
 Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_
- 15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)  
 Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_
- 16. DESIGN DRAWINGS.** 37 CFR 1.152  
 Surface shading shown not appropriate. Fig(s) \_\_\_\_\_  
 Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

### COMMENTS:

Reviewer Son Lam

If you have questions, call (703) 305-8404.

305-0333 (EXT. 133)

Date 03/27/06

Attachment to Paper No. \_\_\_\_\_